



## REMARKS

1. Applicant thanks the Examiner for the Examiner's comments which have greatly assisted Applicant in responding.

Applicant has amended Claims 1-7, 9, and 10 to clarify the invention. It should be noted that Applicant has elected to amend said Claims solely for the purpose of expediting the patent application process in a manner consistent with the PTO's Patent Business Goals, 65 Fed. Reg. 54603 (9/8/00). In making this amendment, Applicant has not and does not in any way narrow the scope of protection to which Applicant considers the invention herein to be entitled and does not concede, in any way, that the subject matter of such Claims were in fact taught or disclosed by the cited prior art. Rather, Applicant reserves Applicant's right to pursue such protection at a later point in time and merely seeks to pursue protection for the subject matter presented in this submission.

2. 35 U.S.C. § 102(e). The Examiner has rejected Claims 3-6, 10 under 35 U.S.C. §102(e) as being anticipated by deSilva.

Applicant respectfully disagrees.

### Claims 3 and 5:

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Claims 3 and 5 appear as follows (emphasis added):

3. A method for generating an original set of printer description (PPD) text files, the method comprising the steps of:

providing at least one base PPD text file for a single **natural** language and a single platform combination for a particular printer;

providing at least one build file that describes a product or platform specific set of features of the base PPD and supported **natural languages**; and

generating at least one set of PPD files from the base PPD and the build file.

5. A method for manufacturing printer description (PPD) text files, the method comprising the steps of:

providing at least one base PPD;

providing at least one build file;

wherein the at least one build file contains information as to how the at least one base PPD is to be edited for supported **natural languages**;

generating at least one set of PPD files from the base PPD and the build file.

Applicant has consistently used the platform/language terminology throughout the disclosure. Applicant has consistently used the language portion of the platform/language term as meaning **written/spoken natural languages** such as English, French, German, Japanese, etc. Applicant has amended Claims 3 and 5 to clarify this usage. Therefore, deSilva does not teach or disclose the use of a natural language as claimed in the invention and used consistently throughout the disclosure.

Further, Applicant respectfully disagrees with the interpretation of deSilva in column 6 line 57. The full sentence and paragraph from col. 6, line 56-col. 7, line 7 is as follows (emphasis added):

"In a preferred embodiment, **the invention is implemented in the C++ programming language** using object-oriented programming techniques. C++ is a compiled language, that is, programs are written in a human-readable script and this script is then provided to another program called a compiler which generates a machine-readable numeric code that can be loaded into, and directly executed by, a computer. As described below, the C++ language has certain characteristics which allow a software developer to easily use

programs written by others while still providing a great deal of control over the reuse of programs to prevent their destruction or improper use. The C++ language is well-known and many articles and texts are available which describe the language in detail. In addition, C++ compilers are commercially available from several vendors including Borland International, Inc. and Microsoft Corporation. Accordingly, for reasons of clarity, the details of the C++ language and the operation of the C++ compiler will not be discussed further in detail herein.”

DeSilva does not teach or disclose the use of natural languages as claimed in the invention. The mere fact that deSilva's invention is implemented in the C++ programming language does not mean that deSilva teaches a system that provides at least one build file that describes a product or platform specific set of features of the base PPD and supported natural languages or wherein the at least one build file contains information as to how the at least one base PPD is to be edited for supported natural languages as claimed in the invention.

DeSilva does not teach every aspect of the claimed invention either explicitly or impliedly.

Applicant believes Claims 3 and 5 are in allowable condition. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §102(e).

Claims 4 and 6:

Claim 4 appears as follows (emphasis added):

4. A method for revising an original set of printer description (PPD) text files, the method comprising the steps of:

beginning with at least one base PPD and at least one build file that are responsible for generating at least one PPD file for at least one specific target environment;

**wherein the at least one build file contains information as to how the at least one base PPD is to be edited for supported natural languages;**

modifying the at least one base PPD and/or the at least one build file into corresponding revised PPD and/or build files; and

generating a revised set of PPD files from the revised base PPD and/or build file.

Based on Applicant's comments regarding Claims 3 and 5, above, Applicant believes Claim 4 is in allowable condition. Claim 6 is dependent upon Claim 5 which the Applicant believes to be in allowable condition. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §102(e).

Claim 10:

Claim 10 appears as follows (emphasis added):

10. A method for generating an original set of printer description (PPD) text files, the method comprising the steps of:

providing at least one base PPD;

providing at least one build file of text that describes a set of special features associated with a particular printer when used in one particular platform and **natural language environment;**

generating at least one PPD text file based upon information provided by the base PPD and the build file.

Based on Applicant's comments regarding Claims 3 and 5, above, Applicant believes Claim 10 is in allowable condition. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §102(e).

3. 35 U.S.C. § 103(a). The Examiner has rejected Claims 1, 2, 7-9 under 35 U.S.C. §103(a) as being unpatentable over deSilva and Andrews et al.

Applicant respectfully disagrees.

Claims 1, 2, and 7-9 appear as follows (emphasis added):

1. A development environment for producing a platform-language constellation of printer description files, comprising:

at least one base printer description (PPD) text file for a single **natural language** and a single platform combination for a particular printer; and

a PPD generator connected to import the at least one base PPD and to generate therefrom a plurality of PPD files for a **variety of natural languages** and platforms.

2. The development environment of Claim 1, further comprising:

at least one build file that describes a product or platform specific set of features of the base PPD.

7. A development environment for producing a platform-language constellation of printer description files, comprising:

at least one base printer description (PPD) text file for a single **natural language** and a single platform combination for a particular printer; and

a PPD generator connected to import the at least one base PPD file and to generate therefrom a plurality of PPD files for a **variety of natural languages** and platforms.

8. The development environment of Claim 7, further comprising:

at least one build file.

9. The development environment of Claim 8, wherein:

the PPD generator parses the at least one base PPD and the at least one build file into text based instructions that are parsed and assembled by PostScript® printer drivers.

The Examiner states (emphasis added):

“Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified the PPD files developing method of deSilva by having the developer of deSilva to use translators (PPD generator) to import the base PPD file written in a **base computer language** to generate therefrom a plurality of PPD files with each PPD file having a target **computer language for a target computer.**”

The Examiner further states:

“It would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified the PPD files developing method of deSilva by the teaching of Andrews because of the following reasons: (a) it would save time and effort for the PPD developer by avoiding rewriting complex and difficult programs in multiple languages to run on multiple brands of computers.”

Based on Applicant's comments regarding Claims 3 and 5, above, and the Examiner's clear statements that deSilva and Andrews teach the use of **computer programming languages** and not **written/spoken natural languages**, Applicant believes independent Claims 1 and 7 are in allowable condition. Claims 2 and 8-9 are dependent upon Claims 1 and 7, respectively. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §103(a).



## CONCLUSION

Based on the foregoing, Applicant considers the present invention to be distinguished from the art of record. Accordingly, Applicant earnestly solicits the Examiner's withdrawal of the rejections raised in the above referenced Office Action, such that a Notice of Allowance is forwarded to Applicant, and the present application is therefore allowed to issue as a United States patent.

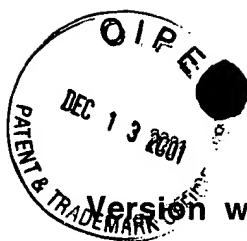
Respectfully Submitted,

A handwritten signature in black ink, appearing to be "Michael A. Glenn".

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Version with markings to show changes made

### In The Claims

Please amend Claims 1-7, 9, and 10 as follows (Marked copy):

1. (first amended) A development environment for producing a platform-language constellation of printer description files, comprising:
  - at least one base printer description (PPD) text file for a single natural language and a single platform combination for a particular printer; and
  - a PPD generator connected to import [said] the at least one base PPD and to generate therefrom a plurality of PPD files for a variety of natural languages and platforms.
2. (first amended) The development environment of Claim 1, further comprising:
  - at least one build file that describes a product or platform specific set of features of [said] the base PPD.
3. (first amended) A method for generating an original set of printer description (PPD) text files, the method comprising the steps of:
  - providing at least one base PPD text file for a single natural language and a single platform combination for a particular printer;
  - providing at least one build file that describes a product or platform specific set of features of [said] the base PPD and supported natural languages; and
  - generating at least one set of PPD files from [said] the base PPD and [said] the build file.
4. (first amended) A method for revising an original set of printer description (PPD) text files, the method comprising the steps of:

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beginning with at least one base PPD and at least one build file that are responsible for generating at least one PPD file for at least one specific target environment;

wherein the at least one build file contains information as to how the at least one base PPD is to be edited for supported natural languages;

modifying [said] the at least one base PPD and/or [said] the at least one build file into corresponding revised PPD and/or build files; and

generating a revised set of PPD files from [said] the revised base PPD and/or build file.

5. (first amended) A method for manufacturing printer description (PPD) text files, the method comprising the steps of:

providing at least one base PPD;

providing at least one build file;

wherein the at least one build file contains information as to how the at least one base PPD is to be edited for supported natural languages;

generating at least one set of PPD files from [said] the base PPD and [said] the build file.

6. (first amended) The method of claim 5, further comprising the steps of:

beginning with a base PPD and a build file that is responsible for generating a set of printer description (PPD) text files;

modifying [said] the base PPD and/or [said] the build file into a revised base PPD and/or a revised build file; and

generating a revised set of PPD files from [said] the base PPD and [said] the build file.

7. (first amended) A development environment for producing a platform-language constellation of printer description files, comprising:

at least one base printer description (PPD) text file for a single natural language and a single platform combination for a particular printer; and

a PPD generator connected to import [said] the at least one base PPD file and to generate therefrom a plurality of PPD files for a variety of natural languages and platforms.

9. (first amended) The development environment of Claim 8, wherein:

[said] the PPD generator parses [said] the at least one base PPD and [said] the at least one build file into text based instructions that are parsed and assembled by PostScript® printer drivers.

10. (first amended) A method for generating an original set of printer description (PPD) text files, the method comprising the steps of:

providing at least one base PPD;

providing at least one build file of text that describes a set of special features associated with a particular printer when used in one particular platform and natural language environment;

generating at least one PPD text file based upon information provided by [said] the base PPD and [said] the build file.